

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:  
SANGKEUN RHEE, ET AL.

Docket: H0004301

Serial Number:

Group Art Unit:

Filed:

Examiner:

For: MULTILAYER SHEETS AND FILMS COMPOSED OF PCTFE AND CYCLIC OLEFIN  
COPOLYMER

DISCLOSURE UNDER 37 C.F.R. 1.56

Commissioner For Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

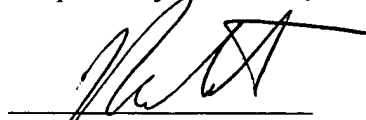
Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 C.F.R. 1.56. Copies of the documents are also being submitted herewith to comply with the provisions of 37 C.F.R. 1.97 and 1.98.

The submission of these documents is not intended as an admission that any or all of these materials are prior art against the claims of the present application. Applicant does not waive any rights to file Affidavits under 37 C.F.R. 1.131, to copy claims from the listed patent documents, or to take any other action which would be appropriate in the event that one or more of the documents are determined to be questionable as references against the claims of the present application.

None of these documents are believed to impair the patentability of the presently claimed invention. Nevertheless, to complete the record, formal consideration and citation of these documents is requested.

Respectfully submitted,



Richard S. Roberts  
Reg. No. 27,941  
P.O. Box 484  
Princeton, New Jersey 08542  
(609) 921-3500  
Date: February 20, 2004

|  |  |  |  |                                     |  |             |  |
|--|--|--|--|-------------------------------------|--|-------------|--|
| <b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b><br><b>(Rev. 2-32) PATENT AND TRADEMARK OFFICE</b> |  |  |  | ATTY. DOCKET NO:<br>H0004301        |  | SERIAL NO.: |  |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT   |  |  |  | APPLICANT:<br>SANGKEUN RHEE, ET AL. |  |             |  |
| (Use several sheets if necessary)  |  |  |  | FILING DATE:                        |  | GROUP:      |  |

| U.S. PATENT DOCUMENTS |    |                 |          |                  |       |          |                            |
|-----------------------|----|-----------------|----------|------------------|-------|----------|----------------------------|
| EXAMINER INITIAL      |    | DOCUMENT NUMBER | DATE     | NAME             | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|                       | AA | 3,645,992       | 2/29/72  | ELSTON           | 260   | 80.78    | 2/15/68                    |
|                       | AB | 4,146,521       | 3/27/79  | GODFREY          | 260   | 27       | 9/2/77                     |
|                       | AC | 4,659,625       | 4/21/87  | DECROLY ET AL.   | 428   | 412      | 4/17/85                    |
|                       | AD | 4,677,017       | 6/30/87  | DEANTONIS ET AL. | 428   | 214      | 2/6/86                     |
|                       | AE | 4,826,955       | 5/2/89   | AKKAPEDDI ET AL. | 528   | 324      | 1/21/88                    |
|                       | AF | 5,139,878       | 8/18/92  | KIM ET AL.       | 428   | 421      | 10/16/91                   |
|                       | AG | 5,218,049       | 6/8/93   | YAMAMOTO ET AL.  | 525   | 97       | 2/20/90                    |
|                       | AH | 5,272,236       | 12/21/93 | LAI ET AL.       | 526   | 348.5    | 10/15/91                   |
|                       | AI | 5,278,272       | 1/11/94  | LAI ET AL.       | 526   | 348.5    | 9/2/92                     |
|                       | AJ | 5,541,267       | 6/30/96  | AKKAPEDDI ET AL. | 525   | 432      | 11/28/94                   |
|                       | AK | 5,783,273       | 6/21/98  | YAMAMOTO ET AL.  | 428   | 35.9     | 5/13/93                    |

| FOREIGN PATENT DOCUMENTS |    |                 |      |         |       |          |             |    |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|----|
|                          |    |                 |      |         |       |          | TRANSLATION |    |
|                          |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES         | NO |
|                          | AL |                 |      |         |       |          |             |    |
|                          | AM |                 |      |         |       |          |             |    |
|                          | AN |                 |      |         |       |          |             |    |
|                          | AO |                 |      |         |       |          |             |    |
|                          | AP |                 |      |         |       |          |             |    |

| OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.) |    |  |
|---|----|--|
|   | AQ |  |
|   | AR |  |
|   | AS |  |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  |  |  |  |                                     |  |             |  |
|--|--|--|--|-------------------------------------|--|-------------|--|
| <b>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE</b><br><b>(Rev. 2-32) PATENT AND TRADEMARK OFFICE</b> |  |  |  | ATTY. DOCKET NO:<br>H0004301        |  | SERIAL NO.: |  |
| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT   |  |  |  | APPLICANT:<br>SANGKEUN RHEE, ET AL. |  |             |  |
| (Use several sheets if necessary)  |  |  |  | FILING DATE:                        |  | GROUP:      |  |

| U.S. PATENT DOCUMENTS |    |                 |          |                |       |          |                            |
|-----------------------|----|-----------------|----------|----------------|-------|----------|----------------------------|
| EXAMINER INITIAL      |    | DOCUMENT NUMBER | DATE     | NAME           | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|                       | AA | 5,855,977       | 1/5/99   | FUKUSHI ET AL. | 428   | 36.6     | 8/26/96                    |
|                       | AB | 5,912,070       | 6/15/99  | MIHARU ET AL.  | 428   | 214      | 4/9/97                     |
|                       | AC | 6,096,428       | 8/1/00   | JING ET AL.    | 428   | 421      | 4/9/98                     |
|                       | AD | 6,138,830       | 10/31/00 | MUGGLI         | 206   | 532      | 6/1/99                     |
|                       | AE | 6,197,393       | 3/6/01   | JING ET AL.    | 428   | 35.9     | 6/11/98                    |
|                       | AF | 6,319,979       | 11/20/01 | DUBOIS ET AL.  | 524   | 570      | 2/2/00                     |
|                       | AG | 6,451,925       | 9/17/02  | JING           | 525   | 340      | 7/13/01                    |
|                       | AH |                 |          |                |       |          |                            |
|                       | AI |                 |          |                |       |          |                            |
|                       | AJ |                 |          |                |       |          |                            |
|                       | AK |                 |          |                |       |          |                            |

| FOREIGN PATENT DOCUMENTS |    |                 |      |         |       |          |             |    |
|--------------------------|----|-----------------|------|---------|-------|----------|-------------|----|
|                          |    |                 |      |         |       |          | TRANSLATION |    |
|                          |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | YES         | NO |
|                          | AL |                 |      |         |       |          |             |    |
|                          | AM |                 |      |         |       |          |             |    |
|                          | AN |                 |      |         |       |          |             |    |
|                          | AO |                 |      |         |       |          |             |    |
|                          | AP |                 |      |         |       |          |             |    |

| OTHER DOCUMENTS(Including Author, Title, Date, Pertinent Pages, etc.) |    |  |
|---|----|--|
|   | AQ |  |
|   | AR |  |
|   | AS |  |

|          |                 |
|----------|-----------------|
| EXAMINER | DATE CONSIDERED |
|----------|-----------------|

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.